



UT171B Industrial True RMS Digital Multimeter

UT171 series are industrial grade multimeters used by professionals. Its built-in square wave output is useful for troubleshooting industrial control signals. Its LoZ (ACV) feature can be used to identify

residual (ghost) voltage in large capacitors. UT171C's OLED display is perfect for working in low temperatures down to -30°C.

Applications:

It is suitable for in design, research and repair.

Specifications	Range	UT171B
DC voltage (V)	1000V	±(0.025%+5)
AC voltage (V)	1000V	±(0.4%+40)
DC current (A)	10A	±(0.15%+2)
AC current (A)	10A	±(0.75%+5)
Resistance (Ω)	60MΩ	±(0.05%+2)
Admittance (nS)	60nS	±(1%+10)
Capacitance (F)	60mF	±(2.5%+40)
Frequency (Hz)	10Hz~10MHz	±(0.01%+5)
Temperature (°C)	-40°C~1000°C	±(1%+30)
Temperature (°F)	-40°F~1832°F	±(1.5%+50)
Features		
Display count		60000
Auto/Manual range		√
True RMS		√
Bandwidth (Hz)	100kHz	√
4~20mA loop	0~100%	√
LoZ (ACV)	Around 3kΩ	√
Diode	Around 3V	√
Continuity buzzer		√
Duty cycle	0.1%~99.9%	√
NCV/Data hold/MAX/MIN		√
Relative mode		√

Data storage		9999
Display type		EBTN
Analog bar graph		31
LCD backlight		√
Mis-plug alarm		√
Low battery indication		√
Auto power off		√
Input protection		√
Input impedance for DCV		√
Input impedance for DCV	Around 1GΩ	√
General Characteristics		
Power	7.4V 2000mAh Li-ion battery	
Display	70.6mm x 35.3mm	
Product color	Red and grey	
Product net weight	384g	
Product size	206mm x 95mm x 55mm	
Standard accessories	Batteries, test leads, point contact temperature probe, USB interface cable, power adaptor, PC software CD	
Standard individual packing	Gift box, carrying bag, English manual	
Standard quantity per carton	5pcs	
Standard carton measurement	390mm x 310mm x 205mm (0.55CBM per standard carton)	
Standard carton gross weight	5.6kg	
Optional accessory	Bluetooth adaptor (UT-D07)	